

US 1988-288241

A2 19881222

AB A dry, free-flowing antimicrobial powder comprises chloroisocyanuric acid or its salt, a fluorinated anionic surfactant, and K₂HPO₄-coated KHCO₃ particles. The compns. are noncorrosive to metals. A formulation contained K **trichloroisocyanurate** 12.0, NH₄ perfluoroalkyl percarboxylate 0.5, K₂HPO₄ 10.0, and KHCO₃ 77.5% weight A 1% solution of the formulation killed Staphylococcus pureus and Escherichia coli within 15 min.

=> d hist

(FILE 'HOME' ENTERED AT 12:59:36 ON 04 NOV 2005)

FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 12:59:54 ON 04 NOV 2005

L1 8291 S HUMAN PAPILLOMA VIRUS
L2 0 S CHLORINATED ISOCYANURATE
L3 71 S CHLORINATED ISOCYANURATE
L4 55 S TRICHLOROISOCYANURATE
L5 795 S SODIUM DICHLOROISOCYANURATE
L6 893 S L3 OR L4 OR L5
L7 1 S L1 AND L6
L8 8572 S HYPOCHLOROUS ACID
L9 0 S L1 AND L8
L10 1 S WARTS AND L6
L11 41472 S HPV OR L1
L12 0 S L11 AND L8
L13 1 S L11 AND L6
L14 9443 S L6 OR L8
L15 2767 S SILICONE POLYMER
L16 181776 S SILICONE?
L17 2767 S L15 AND L16
L18 181776 S L16 OR L17
L19 27 S L18 AND L14
L20 15 S L19 AND L6
L21 72478 S COSMETICS
L22 0 S L20 AND L21
L23 8015 S SKIN CARE
L24 0 S L20 AND L23
L25 15 DUP REM L20 (0 DUPLICATES REMOVED)
L26 0 S US2003-133893/APPS
L27 0 S US2002-44941-/APPS

FILE 'CAPLUS' ENTERED AT 13:19:28 ON 04 NOV 2005

L28 1 S US2002-44941/APPS
L29 TRA L28 1- RN : 4 TERMS
L30 66008 SEA L29
L31 0 S US2003-133893/APS
L32 0 S US2003-133893/APPS
L33 TRA L28 1- RN : 4 TERMS
L34 66008 SEA L33
L35 269 S L34 AND ISOCYANURATE
L36 38 S L35 AND CHLORINATED ISOCYANURATE
L37 0 S L36 AND TRICHLOROISOCYANURATE
L38 1 S L36 AND TRICHLOROISOCYANURATE

=> logoff

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STRUCTURE FILE UPDATES: 7 NOV 2005 HIGHEST RN 866913-62-4
DICTIONARY FILE UPDATES: 7 NOV 2005 HIGHEST RN 866913-62-4

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

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predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

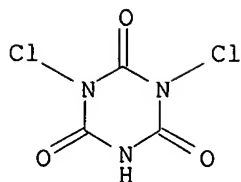
<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> s trichloroisocyanuric acid
      2 TRICHLOROISOCYANURIC
      7339257 ACID
      8807 ACIDS
      7345835 ACID
      (ACID OR ACIDS)
L1      2 TRICHLOROISOCYANURIC ACID
      (TRICHLOROISOCYANURIC(W)ACID)
```

=> d str cn rn

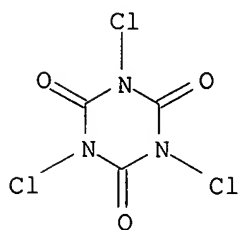
```
L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2005 ACS on STN
CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro-, compd. with
    1,3-dichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione potassium salt (1:4)
    (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, potassium salt,
    compd. with 1,3,5-trichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (4:1)
    (9CI)
OTHER NAMES:
CN ACL 66
CN Trichloroisocyanuric acid-potassium dichloroisocyanurate (1:4)
RN 64474-06-2 REGISTRY
```

CM 1



● K

CM 2



=> s sodium dichloroisocyanuric acid

298913 SODIUM

3 DICHLOROISOCYANURIC

7339257 ACID

8807 ACIDS

7345835 ACID

(ACID OR ACIDS)

L2 0 SODIUM DICHLOROISOCYANURIC ACID

(SODIUM (W) DICHLOROISOCYANURIC (W) ACID)

=> s sodium dichloroisocyanuric acid/cn

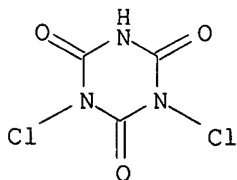
L3 0 SODIUM DICHLOROISOCYANURIC ACID/CN

=> s dichloroisocyanuric acid/cn

L4 1 DICHLOROISOCYANURIC ACID/CN

=> d str rn cn

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

RN 2782-57-2 REGISTRY

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro- (8CI)

CN s-Triazine-2,4,6(1H,3H,5H)-trione, dichloro- (6CI)

OTHER NAMES:

CN 1,3-Dichloro-s-triazine-2,4,6-trione

CN ACL 70

CN CDB 60

CN Dichlorocyanuric acid

CN Dichloroisocyanurate

CN **Dichloroisocyanuric acid**

CN Fi Clor 71

CN Hilite 60

CN Isocyanuric dichloride

CN Orced

CN Troclosene

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

37.60

37.81

FILE 'CAPLUS' ENTERED AT 08:19:59 ON 09 NOV 2005

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FILE COVERS 1907 - 9 Nov 2005 VOL 143 ISS 20

FILE LAST UPDATED: 8 Nov 2005 (20051108/ED)

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<http://www.cas.org/infopolicy.html>

=> s 2782-57-2/rn

475 2782-57-2

36 2782-57-2D

L5 445 2782-57-2/RN

(2782-57-2 (NOTL) 2782-57-2D)

=> s 64474-06-02/rn

L6 0 64474-06-02/RN

(64474-06-02)

=> s 64474-06-2/rn

11 64474-06-2

0 64474-06-2D

L7 11 64474-06-2/RN

(64474-06-2 (NOTL) 64474-06-2D)

=> s L5 or L7

L8 454 L5 OR L7

=> s human papilloma virus

1506151 HUMAN

330914 HUMANS

1670482 HUMAN

(HUMAN OR HUMANS)

6580 PAPILLOMA

2231 PAPILLOMAS

46 PAPILLOMATA

7753 PAPILLOMA

(PAPILLOMA OR PAPILLOMAS OR PAPILLOMATA)

329115 VIRUS

70113 VIRUSES

341306 VIRUS

(VIRUS OR VIRUSES)

L9 1706 HUMAN PAPILLOMA VIRUS

(HUMAN (W) PAPILLOMA (W) VIRUS)

=> s L9 and L8

L10 0 L9 AND L8

=> s skin ailment

226275 SKIN

9381 SKINS

231636 SKIN

(SKIN OR SKINS)

149 AILMENT

1079 AILMENTS

1200 AILMENT

(AILMENT OR AILMENTS)

L11 41 SKIN AILMENT

(SKIN (W) AILMENT)

=> s dermatological

1783 DERMATOLOGICAL

9 DERMATOLOGICALS

1790 DERMATOLOGICAL

(DERMATOLOGICAL OR DERMATOLOGICALS)

4988 DERMATOL

L12 5711 DERMATOLOGICAL

(DERMATOLOGICAL OR DERMATOL)

=> s L8 and L12

L13 0 L8 AND L12

=> d L7 1 ibib abs

L7 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:614578 CAPLUS

DOCUMENT NUMBER: 143:135274

TITLE: Laundry treatment composition and antimicrobial
treatment and washing apparatus for treating laundry
INVENTOR(S): Gohl, David W.; Birckbichler, John; Carlson, Brandon;
Klos, Terry J.; Panama, Julio Rey; Man, Victor F.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 23 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2005153859	A1	20050714	US 2004-754491	20040109
WO 2005071054	A1	20050804	WO 2004-US42805	20041220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-754491 A 20040109

AB The title method includes steps of applying a bleaching and antimicrobial composition to laundry in a laundry washing machine at a first pH that favors bleaching properties and at a second pH that favors antimicrobial properties, where the first pH and the second pH are different, and draining the bleaching and antimicrobial composition from the laundry. The step of applying a bleaching and antimicrobial composition to laundry can include a step of washing the laundry with a detergent composition for the removal of soil. The step of applying a bleaching and antimicrobial composition to laundry can precede or follow washing laundry with a detergent composition for the removal of soil.

=> s chlorinated isocyanurate
85693 CHLORINATED
10306 ISOCYANURATE
1085 ISOCYANURATES
10511 ISOCYANURATE
(ISOCYANURATE OR ISOCYANURATES)

L14 64 CHLORINATED ISOCYANURATE
(CHLORINATED(W) ISOCYANURATE)

=> s L14 and L9
L15 0 L14 AND L9

=> s trichloroisocyanurate
52 TRICHLOROISOCYANURATE
2 TRICHLOROISOCYANURATES
L16 54 TRICHLOROISOCYANURATE
(TRICHLOROISOCYANURATE OR TRICHLOROISOCYANURATES)

=> s L16 and L9
L17 1 L16 AND L9

=> s L14 and L9
L18 0 L14 AND L9

=> d L17 ibib abs

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:550985 CAPLUS
DOCUMENT NUMBER: 139:106465
TITLE: Compositions for treating skin ailments
INVENTOR(S): Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri; Stein, Oded
PATENT ASSIGNEE(S): Degania Silicone Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003133893	A1	20030717	US 2002-44941	20020115
PRIORITY APPLN. INFO.:			US 2002-44941	20020115

AB Comps. that comprise a polymer entrapping an oxidizing agent are disclosed. The disclosed comps. are used in the treatment of skin ailments such as **human papilloma virus** infections. A silicone sheet having a thickness of about 1 mm and containing 80% **trichloroisocyanurate** (TCIA) was pressed between two 0.2 mm-layers of active-agent free silicone rubber. A skin growth having a diameter of about 2.5 mm and a height of about 1.5 mm, present for about 2 yr on the hand of a 50 yr old woman, was treated with the TCIA composition. The skin growth disappeared completely after 1 treatment. After 9 mo, the warts did not reappear in the treated skin area.

=> file embase biosis medline
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
37.16	74.97

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.46	-1.46

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FILE 'BIOSIS' ENTERED AT 08:27:15 ON 09 NOV 2005
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FILE 'MEDLINE' ENTERED AT 08:27:15 ON 09 NOV 2005

=> s chlorinated isocyanurate
L19 7 CHLORINATED ISOCYANURATE

=> s trichloroisocyanuric acid
L20 75 TRICHLOROISOCYANURIC ACID

=> s trichloroisocyanurate
L21 1 TRICHLOROISOCYANURATE

=> s dichloroisocyanurate
L22 167 DICHLOROISOCYANURATE

=> s L19 or L20 or L21 or L22
L23 240 L19 OR L20 OR L21 OR L22

=> s L23 and virus
L24 21 L23 AND VIRUS

=> s human papilloma virus
L25 6589 HUMAN PAPILLOMA VIRUS

=> s L23 and L25
L26 0 L23 AND L25

=> s L23 and HPV
L27 0 L23 AND HPV

=> dup rem L24
PROCESSING COMPLETED FOR L24
L28 12 DUP REM L24 (9 DUPLICATES REMOVED)

=> d 1-12 ibib abs

L28 ANSWER 1 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 2001:324043 BIOSIS
DOCUMENT NUMBER: PREV200100324043
TITLE: Tuberculocidal synergistic disinfectant compositions and
methods of disinfecting.
AUTHOR(S): Merritt, Colleen M. [Inventor, Reprint author]
CORPORATE SOURCE: Racine County, WI, USA
ASSIGNEE: S. C. Johnson Commercial Markets, Inc.,
Sturtevant, WI, USA
PATENT INFORMATION: US 6245361 20010612
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (June 12, 2001) Vol. 1247, No. 2. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 11 Jul 2001
Last Updated on STN: 19 Feb 2002

AB An aqueous cleaning and disinfecting composition is disclosed that is a synergistic combination of (a) a sufficient amount of a chlorine-containing bleach compound such as sodium hypochlorite or sodium **dichloroisocyanurate** to provide from about 1,100 parts per million by weight of available chlorine level with (b) from about 600 to 800 parts per million by weight of bactericidal quaternary ammonium compounds such as mixtures of didecyldimethylammonium chloride and (C12 -C16 alkyl)dimethylbenzylammonium chlorides. Such compositions are tuberculocidal at unexpectedly low concentrations. Also disclosed are two component compositions and methods of disinfecting surfaces containing tubercule bacilli and other pathogenic micro-organisms such as bacteria and **viruses**.

L28 ANSWER 2 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1998:213816 BIOSIS
DOCUMENT NUMBER: PREV199800213816
TITLE: Mycobacterium terrae: A potential surrogate for Mycobacterium tuberculosis in a standard disinfectant test.
AUTHOR(S): Griffiths, P. A. [Reprint author]; Babb, J. R.; Fraise, A. P.
CORPORATE SOURCE: Hosp. Infect. Res. Lab., City Hosp., NHS Trust, Dudley Road, Birmingham B18 7QH, UK
SOURCE: Journal of Hospital Infection, (March, 1998) Vol. 38, No. 3, pp. 183-192. print.
ISSN: 0195-6701.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 11 May 1998
Last Updated on STN: 11 May 1998

AB The susceptibility of Mycobacterium tuberculosis and Mycobacterium avium-intracellulare to the disinfectants used for spillage and heat sensitive instruments has received much attention in recent years. The use of clinical isolates of M. tuberculosis and M. avium-intracellulare as test organisms is considered unsuitable for standard tests due to their hazardous nature (category 3 pathogens and slow growth rates). This has led to much debate in standards committees on the selection and use of a possible surrogate which would be safer and more practical to use and yet mimic the susceptibility of clinical isolates. This study compared the susceptibility of one possible surrogate Mycobacterium terrae NCTC 10856, with that of clinical isolates of M. tuberculosis H37 Rv and M. avium-intracellulare using a quantitative suspension test. The instrument and environmental disinfectants tested were a chlorine-releasing agent, sodium dichloro-isocyanurate (NaDCC) at 1000 ppm and 10000 ppm average Cl, chlorine dioxide at 1100 ppm average ClO2 (Tristel, HayMan MediChem), 0.35% peracetic acid (NuCidex, Johnson and Johnson), 70% industrial methylated spirit (IMS), 2% alkaline glutaraldehyde (Asep, Galen), 10% succine

dialdehyde and formaldehyde mixture (Gigasept, Schulke and Mayr). Results showed that the clinical isolate of *M. avium-intracellulare* was the most resistant of the three test organisms. *M. terrae*, which is not a category 3 pathogen, was slightly more resistant than *M. tuberculosis* and this would appear to be a suitable surrogate for establishing tuberculocidal activity. However, with an increase in the clinical significance of *M. avium-intracellulare*, particularly in human immunodeficiency virus (HIV) and immunocompromised patients, a more resistant surrogate is required. In the absence of such a surrogate, testing with *M. avium-intracellulare* in a clinical laboratory equipped for handling category 3 pathogens is still advised to establish mycobactericidal activity.

L28 ANSWER 3 OF 12 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN DUPLICATE 1

ACCESSION NUMBER: 97261609 EMBASE
DOCUMENT NUMBER: 1997261609
TITLE: Inactivation of hepatitis B virus: Evaluation of the efficacy of the disinfectant 'Solprogel' using a DNA-polymerase activity assay.
AUTHOR: Hernandez A.; Belda F.J.; Dominguez J.; Matas L.; Gimenez M.; Caraballo M.; Ramil C.; Ausina V.
CORPORATE SOURCE: Dr. V. Ausina, Servicio de Microbiologia, Hosp. Univ. Germans Trias i Pujol, Ctra de Canyet s-n 08019 Badalona, Barcelona, Spain
SOURCE: Journal of Hospital Infection, (1997) Vol. 36, No. 4, pp. 305-312.
Refs: 9
ISSN: 0195-6701 CODEN: JHINDS
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 004 Microbiology
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 970918
Last Updated on STN: 970918

AB The effects of sodium **dichloroisocyanurate** (NaDCC) and Solprogel (Laboratories Inibsa, S.A., Barcelona, Spain), a compound that contains NaDCC plus a biodegradable polymer of acrylic acid, on the activity of DNA polymerase (DNA-P) associated with hepatitis B virus in serum were evaluated. DNA-P positive and negative pools of human serum samples were used as positive and negative stock virus. Inhibition of DNA-P activity by NaDCC and the commercial product was found to be concentration-dependent. Two minutes exposure to the minimum effective concentration of NaDCC (1000 ppm available chlorine) or Solprogel 16% (960 ppm available chlorine) totally inhibited DNA-P activity.

L28 ANSWER 4 OF 12 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN DUPLICATE 2

ACCESSION NUMBER: 96343674 EMBASE
DOCUMENT NUMBER: 1996343674
TITLE: Evaluation of the disinfectant effect of Solprogel against human immunodeficiency virus type 1 (HIV-1).
AUTHOR: Hernandez A.; Belda F.J.; Dominguez J.; Matas L.; Gimenez M.; Caraballo M.; Ramil C.; Ausina V.
CORPORATE SOURCE: Servicio de Microbiologia, Hosp. Univ. Germans Trias i Pujol, Cra. de Canyet s-n, 08019 Badalona, Barcelona, Spain
SOURCE: Journal of Hospital Infection, (1996) Vol. 34, No. 3, pp. 223-228.
ISSN: 0195-6701 CODEN: JHINDS
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 004 Microbiology
037 Drug Literature Index
LANGUAGE: English

SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 961203
Last Updated on STN: 961203

AB The antiviral activities of sodium **dichloroisocyanurate** (NaDCC) and a commercial product (Solprogel 2%) against human immunodeficiency virus type 1 (HIV-1) were investigated using a quantitative suspension test method. Solprogel is a compound that contains NaDCC and a biodegradable polymer of acrylic acid. Viral suspensions were prepared containing 3.2×10^6 tissue culture infective dose 50 (TCID₅₀) in culture media. Syncytium formation in the MT-2 line and HIV antigen p24 on the supernatant of the cultures were used to determine viral titre. Results indicate that satisfactory disinfection (1000-fold reduction in 5 min) can be achieved using NaDCC and Solprogel at concentrations of 100 and 120ppm available chlorine, respectively.

L28 ANSWER 5 OF 12 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN DUPLICATE 3

ACCESSION NUMBER: 95181166 EMBASE
DOCUMENT NUMBER: 1995181166
TITLE: Antimicrobial activity and chemical stability of sodium **dichloroisocyanurate**.
AUTHOR: Akamatsu T.; Tabata K.; Hironaga M.; Uyeda I.
CORPORATE SOURCE: Department of Pharmacy, Kyushu Kousei-Nenkin Hospital, 2-1-1 Kishinoura, Yahata Nishi-ku, Kitakyushu 806, Japan
SOURCE: Japanese Journal of Toxicology and Environmental Health, (1995) Vol. 41, No. 2, pp. 134-141.
ISSN: 0013-273X CODEN: JJTHEC
COUNTRY: Japan
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 004 Microbiology
046 Environmental Health and Pollution Control
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 950707
Last Updated on STN: 950707

AB In order to estimate the effectiveness of sodium **dichloroisocyanurate** (SDI), an effervescent disinfectant tablet, for general disinfection use at medical facilities, its antimicrobial activities against various organisms, including hepatitis B virus, and its chemical stability were studied by comparing it with those properties of sodium hypochlorite (SHC). Solutions of SDI and SHC containing 100 ppm, 500 ppm and 1000 ppm available chlorine (average Cl) showed equivalent activity against vegetative bacteria, Mycobacteria, fungi and bacterial spores. Virucidal action required a higher concentration of both disinfectants: 1000 ppm average Cl of SDI and SHC did not inactivate hepatitis B surface antigen (HBs-Ag) in 60 min, whereas 5000 ppm average Cl of both disinfectants inactivated HBs-Ag in 3 min at 25°C. Although solutions of SDI and SHC were relatively stable for 24 h under clean conditions, both solutions markedly decomposed in the presence of human serum. In the presence of 30% human serum, 10000 ppm average Cl of SDI and SHC decomposed to approximately 6600 ppm and 2600 ppm, respectively, immediately after preparation at 25°C. Based on these results and the simplicity of preparation of dilutions for use, SDI is considered to be a useful disinfectant for use in medical facilities.

L28 ANSWER 6 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 1995:154796 BIOSIS
DOCUMENT NUMBER: PREV199598169096
TITLE: Decontamination studies with the agents of bovine spongiform encephalopathy and scrapie.
AUTHOR(S): Taylor, D. M. [Reprint author]; Fraser, H.; McConnell, I.; Brown, D. A.; Brown, K. L.; Lamza, K. A.; Smith, G. R. A.
CORPORATE SOURCE: BBSRC MRC Neuropathogenesis Unit, Inst. Animal Health, West Mains Rd., Edinburgh EH9 3JF, UK
SOURCE: Archives of Virology, (1994) Vol. 139, No. 3-4, pp.

313-326.
CODEN: ARVIDF. ISSN: 0304-8608.

DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 11 Apr 1995
Last Updated on STN: 12 Apr 1995

AB Macerates of bovine brain infected with bovine spongiform encephalopathy (BSE) agent, and rodent brain infected with the 263K or ME7 strains of scrapie agent, were subjected to porous-load autoclaving at temperatures between 134 and 138 degree C for 60 min. Bioassay in rodents showed that none of the regimes produced complete inactivation. Homogenates of BSE-infected bovine brain were exposed for 120 min to solutions of sodium hypochlorite or sodium **dichloroisocyanurate** containing 16,500 ppm available chlorine. There was no detectable survival of infectivity after the hypochlorite treatments but none of the **dichloroisocyanurate** solutions produced complete inactivation. Homogenates of BSE-infected bovine brain, and rodent brain infected with the 263K and ME7 strains of scrapie agent, were exposed for 120 min to 1M or 2M sodium hydroxide but no procedure produced complete inactivation of all agents tested.

L28 ANSWER 7 OF 12 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN DUPLICATE 4

ACCESSION NUMBER: 93272331 EMBASE
DOCUMENT NUMBER: 1993272331
TITLE: Chemical disinfection of duck hepatitis B **virus**:
A model for inactivation of infectivity of hepatitis B **virus**.
AUTHOR: Tsiquaye K.N.; Barnard J.
CORPORATE SOURCE: Viral Pathogenesis Unit, Department of Clinical Sciences,
London Schl of Hyg and Tropical Med, Keppel Street, London
WC1E 7HT, United Kingdom
SOURCE: Journal of Antimicrobial Chemotherapy, (1993) Vol. 32, No.
2, pp. 313-323.
ISSN: 0305-7453 CODEN: JACHDX
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 004 Microbiology
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 931010
Last Updated on STN: 931010

AB The susceptibility of duck hepatitis B **virus** (DHBV) to the virucidal effects of sodium hypochlorite (NaOCl) and sodium **dichloroisocyanurate** (NaDCC) was compared to hepatitis B **virus** (HBV) with the aim of using the duck as a model for studying HBV disinfection. Using viral DNA polymerase (DNAP) as a target, inhibition of DNAP activity by chlorine disinfectants was found to be concentration-dependent but independent of contact time. Two minute exposure of minimal effective concentrations of sodium hypochlorite (domestic bleach: 3600 ppm and industrial bleach: 3180 ppm) and sodium **dichloroisocyanurate** (3000 ppm available chlorine) to DHBV- and HBV-rich plasma totally inhibited DNA polymerase activity. DHBV particles in DHBV-carrier duck plasma (104.5 ID50/mL) were treated with these concentrations and inoculated intravenously into 18 one-day old ducklings (six animals/disinfectant). Analysis of plasma (0, 7 and 14 days post-infection) and post-mortem liver (14 days post-infection) by DNA hybridization techniques showed that DHBV DNA was undetectable in samples from all animals inoculated with disinfected **virus** particles. However, post-inoculation plasma and liver of 18 of 18 control ducklings inoculated with untreated virions were positive for DHBV DNA. These results show for the first time that total inhibition in vitro of hepadnavirus DNA polymerase activity by chemical disinfectants is predictive of inactivation of infectivity in vivo.

L28 ANSWER 8 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ACCESSION NUMBER: 1991:509779 BIOSIS
DOCUMENT NUMBER: PREV199141110494; BR41:110494
TITLE: DISINFECTION OF SPILLS OF BODY FLUIDS HOW EFFECTIVE IS A
LEVEL OF 10000 PPM AVAILABLE CHLORINE.
AUTHOR(S): COATES D [Reprint author]
CORPORATE SOURCE: PUBLIC HEALTH LAB, ROYAL PRESTON HOSP, PO BOX 202, SHAROE
GREEN LANE NORTH, PRESTON PR2 4HG, UK
SOURCE: Journal of Hospital Infection, (1991) Vol. 18, No. 4, pp.
319-322.
ISSN: 0195-6701.
DOCUMENT TYPE: Article
FILE SEGMENT: BR
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 14 Nov 1991
Last Updated on STN: 8 Jan 1992

L28 ANSWER 9 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 5
ACCESSION NUMBER: 1990:307459 BIOSIS
DOCUMENT NUMBER: PREV199090026426; BA90:26426
TITLE: EVALUATION OF HYPOCHLORITE-RELEASING DISINFECTANTS AGAINST
THE HUMAN IMMUNODEFICIENCY **VIRUS** HIV.
AUTHOR(S): BLOOMFIELD S F [Reprint author]; SMITH-BURCHNELL C A;
DALGLEISH A G
CORPORATE SOURCE: CHELSEA DEP PHARM, KINGS COLL, MANRESA RD, LONDON SW3 6LX,
UK
SOURCE: Journal of Hospital Infection, (1990) Vol. 15, No. 3, pp.
273-278.
ISSN: 0195-6701.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 10 Jul 1990
Last Updated on STN: 30 Aug 1990

AB Using a quantitative suspension test method, the antiviral activity of
sodium hypochlorite (NaOCl) and sodium **dichloroisocyanurate**
(NaDCC) against human immunodeficiency **virus** (HIV) was
investigated. Viral suspensions were prepared containing 104-105
syncytial forming units ml⁻¹ in 0.9% saline or 0.9% saline containing 10%
v/v plasma to simulate clean and dirty conditions. A syncytial inhibition
assay on C8166 lymphoblastoid line was used to determine viral titre.
Results indicate that satisfactory disinfection (3-4 log reduction in 2
min) can be achieved using NaDCC and NaOCl at concentrations of 50 ppm and
2500 ppm available chlorine (AvCl₂) for clean and soiled conditions
respectively. For treatment of blood spillages, the addition of NaDCC and
NaOCl solutions (10000 ppm) to equal volumes of contaminated blood (giving
a final AvCl₂ concentration of 5000 ppm of blood) was sufficient to
produce total kill within 2 min. For treatment of spillage material,
chlorine-releasing power formulations-which produce higher AvCl₂
concentrations and achieve containment of spillage material-offer an
effective alternative.

L28 ANSWER 10 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN
ACCESSION NUMBER: 1989:431368 BIOSIS
DOCUMENT NUMBER: PREV198988089626; BA88:89626
TITLE: HOSPITAL USE OF CHLORINE DISINFECTANTS IN A HEPATITIS B
ENDEMIC AREA A PREVALENCE SURVEY IN TWENTY HOSPITALS.
AUTHOR(S): CHING T Y [Reprint author]; SETO W H
CORPORATE SOURCE: INFECTION CONTROL UNIT, UNIV KONG KONG, QUEEN MARY HOSP,
HONG KONG
SOURCE: Journal of Hospital Infection, (1989) Vol. 14, No. 1, pp.
39-48.
ISSN: 0195-6701.

DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
ENTRY DATE: Entered STN: 19 Sep 1989
Last Updated on STN: 28 Oct 1989

AB A survey was conducted to assess the uses of chlorine disinfectants in twenty hospitals in Hong Kong. In the 149 areas visited, the charge nurses were interviewed on the use of chlorine disinfectants. A high proportion of uses (44%) were not at the recommended dilution and only 88 (57%) of the 154 samples were within $\pm 10\%$ of the manufacturers quoted chlorine content. Samples with inadequate chlorine were found among all six types of chlorine disinfectants, although sodium dichlorisocyanurate tablets conformed to the quoted strength on 88% occasions. Higher usage frequency and better dilution practices were noted for hospitals with a disinfectant policy.

L28 ANSWER 11 OF 12 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN DUPLICATE 6

ACCESSION NUMBER: 86240199 EMBASE
DOCUMENT NUMBER: 1986240199
TITLE: [Evaluation of dichloroisocyanuric acid virucidal activity].
ETUDE DE L'ACTIVITE VIRUCIDE IN VITRO DU
DICHLOROISOCYANURATE DE SODIUM.
AUTHOR: Damery B.; Cremieux A.
CORPORATE SOURCE: Laboratoire de Microbiologie, Hygiene Microbienne,
Immunologie, Faculte de Pharmacie, 13385 Marseille Cedex 5,
France
SOURCE: Annales de l'Institut Pasteur Virology, (1986) Vol. 137,
No. 3, pp. 327-331.
CODEN: AIPVEU
COUNTRY: France
DOCUMENT TYPE: Journal
FILE SEGMENT: 037 Drug Literature Index
047 Virology
030 Pharmacology
LANGUAGE: French
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 911210
Last Updated on STN: 911210

DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

L28 ANSWER 12 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 1985:341266 BIOSIS
DOCUMENT NUMBER: PREV198580011258; BA80:11258
TITLE: SENSITIVITY OF ENTEROVIRUSES TO SYNTHETIC DETERGENTS.
AUTHOR(S): BONDARENKO V I [Reprint author]; POPOVICH G G; GRIGOR'EVA L V
CORPORATE SOURCE: KIEV RES INST EPIDEMIOLOGICAL INFECT DIS, KIEV, USSR
SOURCE: Mikrobiologicheskii Zhurnal (Kiev), (1985) Vol. 47, No. 1,
pp. 74-77.
CODEN: MZHUDX. ISSN: 0201-8462.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: RUSSIAN

AB Twelve synthetic detergents were studied for their effect on the poliomyelitis, Cocksackie A9 and V5, ECHO11 and 19 viruses. The tested substances in 0.5% concentration during 30 min exposure were not virulicidal. Compositions with chlorinated trisodium phosphate and sodium **dichloroisocyanurate** in 1-2% concentrations were the most active. Representatives of **viruses** from both Cocksackie groups (A and B) and ECHO (11 and 19) were equally resistant to the effect of the studied substances. As to the total effect, the synthetic detergents produce a weaker action on poliomyelitis **viruses** than on Cocksackie and

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of Caplus documents for use in third-party analysis and
visualization tools
NEWS 13 OCT 27 Free KWIC format extended in full-text databases
NEWS 14 OCT 27 DIOGENES content streamlined
NEWS 15 OCT 27 EPFULL enhanced with additional content

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AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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=> s human papilloma virus
L1 8291 HUMAN PAPILLOMA VIRUS

=> s chlorinated isocyanuarate
L2 0 CHLORINATED ISOCYANUARATE

=> s chlorinated isocyanurate
L3 71 CHLORINATED ISOCYANURATE

=> s trichloroisocyanurate
L4 55 TRICHLOROISOCYANURATE

=> s sodium dichloroisocyanurate
L5 795 SODIUM DICHLOROISOCYANURATE

=> s L3 or L4 or L5
L6 893 L3 OR L4 OR L5

=> s L1 and L6
L7 1 L1 AND L6

=> d 1 ibib abs

L7 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:550985 CAPLUS
DOCUMENT NUMBER: 139:106465
TITLE: Compositions for treating skin ailments
INVENTOR(S): Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri;
Stein, Oded
PATENT ASSIGNEE(S): Degania Silicone Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003133893	A1	20030717	US 2002-44941	20020115
PRIORITY APPLN. INFO.:			US 2002-44941	20020115

AB Comps. that comprise a polymer entrapping an oxidizing agent are disclosed. The disclosed comps. are used in the treatment of skin ailments such as **human papilloma virus** infections. A silicone sheet having a thickness of about 1 mm and containing 80% **trichloroisocyanurate** (TCIA) was pressed between two 0.2 mm-layers of active-agent free silicone rubber. A skin growth having a diameter of about 2.5 mm and a height of about 1.5 mm, present for about 2 yr on the hand of a 50 yr old woman, was treated with the TCIA composition. The skin growth disappeared completely after 1 treatment. After 9 mo, the warts did not reappear in the treated skin area.

=> s hypochlorous acid
L8 8572 HYPOCHLOROUS ACID

=> s L1 and L8
L9 0 L1 AND L8

=> s warts and L6
L10 1 WARTS AND L6

=> d L10 ibib abs

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:550985 CAPLUS
DOCUMENT NUMBER: 139:106465
TITLE: Compositions for treating skin ailments
INVENTOR(S): Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri;
Stein, Oded
PATENT ASSIGNEE(S): Degania Silicone Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003133893	A1	20030717	US 2002-44941	20020115
PRIORITY APPLN. INFO.:			US 2002-44941	20020115

AB Comps. that comprise a polymer entrapping an oxidizing agent are disclosed. The disclosed comps. are used in the treatment of skin ailments such as human papilloma virus infections. A silicone sheet having a thickness of about 1 mm and containing 80% **trichloroisocyanurate** (TCIA) was pressed between two 0.2 mm-layers of active-agent free silicone rubber. A skin growth having a diameter of about 2.5 mm and a height of about 1.5 mm, present for about 2 yr on the hand of a 50 yr old woman, was treated with the TCIA composition. The skin growth disappeared completely after 1 treatment. After 9 mo, the **warts** did not reappear in the treated skin area.

=> s HPV or L1
L11 41472 HPV OR L1

=> s L11 and L8
L12 0 L11 AND L8

=> s L11 and L6
L13 1 L11 AND L6

=> d L13 ibib abs

L13 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:550985 CAPLUS
DOCUMENT NUMBER: 139:106465
TITLE: Compositions for treating skin ailments
INVENTOR(S): Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri;
Stein, Oded
PATENT ASSIGNEE(S): Degania Silicone Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003133893	A1	20030717	US 2002-44941	20020115
PRIORITY APPLN. INFO.:			US 2002-44941	20020115

AB Comps. that comprise a polymer entrapping an oxidizing agent are disclosed. The disclosed comps. are used in the treatment of skin ailments such as **human papilloma virus** infections. A silicone sheet having a thickness of about 1 mm and containing 80% **trichloroisocyanurate** (TCIA) was pressed between two 0.2 mm-layers of active-agent free silicone rubber. A skin growth having a diameter of about 2.5 mm and a height of about 1.5 mm, present for about 2 yr on the hand of a 50 yr old woman, was treated with the TCIA composition. The skin growth disappeared completely after 1 treatment. After 9 mo, the warts did not reappear in the treated skin area.

=> s L6 or L8
L14 9443 L6 OR L8

=> s silicone polymer
L15 2767 SILICONE POLYMER

=> s silicone?
L16 181776 SILICONE?

=> s L15 and L16
L17 2767 L15 AND L16

=> S L16 or L17
L18 181776 L16 OR L17

=> s L18 and L14
L19 27 L18 AND L14

=> s L19 and L6
L20 15 L19 AND L6

=> s cosmetics
L21 72478 COSMETICS

=> s L20 and L21
L22 0 L20 AND L21

=> s skin care
L23 8015 SKIN CARE

=> s L20 and L23
L24 0 L20 AND L23

=> dup rem L20
PROCESSING COMPLETED FOR L20
L25 15 DUP REM L20 (0 DUPLICATES REMOVED)

=> d 1-20 ibib abs L20

L20 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:762011 CAPLUS
DOCUMENT NUMBER: 139:256698
TITLE: Reusable self-spraying apparatus for fungicides
INVENTOR(S): Takemura, Eiji; Ito, Akinori

PATENT ASSIGNEE(S): Nippon Soda Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003275634	A2	20030930	JP 2002-81545	20020322
PRIORITY APPLN. INFO.:			JP 2002-81545	20020322

AB The apparatus comprises (A) a liquid storage chamber equipped with a spraying means, (B) a gas generating chamber, and (C) a passage linking A and B, wherein liquid in A is sprayed using gas pressure from B. A fungicide solution containing Zn pyrithione was supplied to a liquid storage chamber, while a CO2 generator comprising NaHCO3, DL-malic acid, and **silicone** antifoaming agent was packaged with a water-soluble film and thrown into a gas generating chamber containing H2O. The apparatus was immediately placed in a bathroom for spraying with the fungicide.

L20 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:762010 CAPLUS
DOCUMENT NUMBER: 139:256697
TITLE: Gas generators for fungicide spraying
INVENTOR(S): Takemura, Eiji; Toshida, Akira
PATENT ASSIGNEE(S): Nippon Soda Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003275633	A2	20030930	JP 2002-81496	20020322
PRIORITY APPLN. INFO.:			JP 2002-81496	20020322

AB The generators comprise compns. generating gases by contact with H2O, wherein the pressure of the generated gases are used in self-spraying of liqs. A bathroom was sprayed with a fungicide solution containing Zn pyrithione, naphthalenesulfonic acid-formaldehyde condensate Na salt, and hydroxypropyl cellulose using a CO2 generator powder comprising NaHCO3, DL-malic acid, and **silicone** antifoaming agent.

L20 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:692727 CAPLUS
DOCUMENT NUMBER: 139:181499
TITLE: Process for shrinkproofing of wool knitting yarns with treatment of chlorination and resin
INVENTOR(S): Deng, Weisheng
PATENT ASSIGNEE(S): Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1355351	A	20020626	CN 2001-145001	20011230

PRIORITY APPLN. INFO.: CN 2001-145001 20011230
AB The process comprises immersing wool knitting yarns (100% wool) in an solution of a shrinkproofing agent (e.g., **sodium dichloroisocyanurate**); adding a reducing agent (e.g., sodium bisulfite); dyeing; and treating with organosilicone resin.

L20 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:550985 CAPLUS
DOCUMENT NUMBER: 139:106465
TITLE: Compositions for treating skin ailments
INVENTOR(S): Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri; Stein, Oded
PATENT ASSIGNEE(S): Degania Silicone Ltd., Israel
SOURCE: U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003133893	A1	20030717	US 2002-44941	20020115
PRIORITY APPLN. INFO.:			US 2002-44941	20020115

AB Compns. that comprise a polymer entrapping an oxidizing agent are disclosed. The disclosed compns. are used in the treatment of skin ailments such as human papilloma virus infections. A **silicone** sheet having a thickness of about 1 mm and containing 80% **trichloroisocyanurate** (TCIA) was pressed between two 0.2 mm-layers of active-agent free **silicone** rubber. A skin growth having a diameter of about 2.5 mm and a height of about 1.5 mm, present for about 2 yr on the hand of a 50 yr old woman, was treated with the TCIA composition. The skin growth disappeared completely after 1 treatment. After 9 mo, the warts did not reappear in the treated skin area.

L20 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:702203 CAPLUS
DOCUMENT NUMBER: 137:203054
TITLE: Multifunctional protective detergent for refrigerator cleaning
INVENTOR(S): Su, Yingxi
PATENT ASSIGNEE(S): Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 6 pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1318635	A	20011024	CN 2000-112206	20000414
PRIORITY APPLN. INFO.:			CN 2000-112206	20000414

AB The detergent comprises surfactant 5-12, antiseptic 0.5-1.0, adsorbent (CM-cellulose) 1.0-1.2, citric acid 2.0-3.0, EDTA or Na nitrilotriacetate 0.01-0.05, Na₂SiO₃ 0.4-0.6, EtOH 1.0-1.5, dimethylsilicone 0.04-0.06, ethylene glycol (or propylene glycol) 0.8-1.2, paraben (or organic acid) 0.2, edible perfume 0.2, edible pigment 0.05, and deionized or distilled H₂O balance.

L20 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:116863 CAPLUS
DOCUMENT NUMBER: 132:156891
TITLE: Dental impressions comprising **silicone**

elastomers and biocides
 INVENTOR(S): Pusineri, Christian; Del Torto, Marco
 PATENT ASSIGNEE(S): Rhodia Chimie, Fr.
 SOURCE: PCT Int. Appl., 43 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000007546	A1	20000217	WO 1999-FR1885	19990730
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2781808	A1	20000204	FR 1998-10023	19980731
FR 2781808	B1	20001020		
CA 2338154	AA	20000217	CA 1999-2338154	19990730
AU 9950466	A1	20000228	AU 1999-50466	19990730
AU 773282	B2	20040520		
EP 1115364	A1	20010718	EP 1999-934817	19990730
EP 1115364	B1	20041208		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9912869	A	20011009	BR 1999-12869	19990730
JP 2002522361	T2	20020723	JP 2000-563232	19990730
AT 284197	E	20041215	AT 1999-934817	19990730
ES 2229741	T3	20050416	ES 1999-934817	19990730
US 6559199	B1	20030506	US 2001-744882	20010430
PRIORITY APPLN. INFO.:			FR 1998-10023	A 19980731
			WO 1999-FR1885	W 19990730

AB An elastomer system having biocide properties and useful, in particular, for impression, for example, dental impressions are disclosed. The invention aims at providing an efficient system for destroying microbes, without adversely affecting the crosslinking properties and the mech. qualities of RTV 2 elastomers. Said system comprises an RTV 2 **silicone**, preferably SiH/SiVi polyaddn. product and a biocide selected among active chlorine precursors, preferably among N-chloramines. The system may include functional additives (**silicone** fillers, alumina, paraffin, vaseline oil). As for the biocide, it can be provided with an adjuvant using antiseptic quaternary ammonium, even with EDTA-type complexing agents. The invention is useful for impressions in dentistry. Preparation of a dental impression comprising vinyl-containing polydimethylsiloxane, aluminum silicate, hydrated alumina, vaseline oil, paraffin, platinum catalyst, and calbenium is disclosed.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:262123 CAPLUS
 DOCUMENT NUMBER: 130:272076
 TITLE: System based on a biocide and a polyether **silicone** for disinfecting hard surfaces
 INVENTOR(S): Carr, John Frederic; Mignani, Gerard; Vovelle, Louis; Davis, Brian; Vergelati, Carol
 PATENT ASSIGNEE(S): Rhodia Chimie, Fr.
 SOURCE: PCT Int. Appl., 27 pp.

DOCUMENT TYPE: CODEN: PIXXD2
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1 French
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9918784	A1	19990422	WO 1998-FR2198	19981013
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HR, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LU, LV, MD, MG, MK, MN, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2769469	A1	19990416	FR 1997-12887	19971015
FR 2769469	B1	19991126		
CA 2305496	AA	19990422	CA 1998-2305496	19981013
AU 9895452	A1	19990503	AU 1998-95452	19981013
EP 1022941	A1	20000802	EP 1998-949054	19981013
R: DE, ES, FR, GB, IT				
US 6465409	B1	20021015	US 2000-509795	20000331
PRIORITY APPLN. INFO.:			FR 1997-12887	A 19971015
			WO 1998-FR2198	W 19981013

AB The invention concerns an aqueous biocide system comprising water-soluble or water-dispersible biocide(s) and a polyorganosiloxane with water-soluble or water-dispersible functions. The polyorganosiloxane is $R_1R_2R_3SiO(R_4R_5SiO)_p(R_6QSiO)_qSiR_3R_2R_1$ [$R_1, R_2, R_4, R_5, R_6 = C1-6$ alkyl or Ph, preferably Me; R_3 alkyl or Ph, preferably Me, or Q; $Q = RO(R_7O)_n R_8$; $R =$ linear C3-15 alkyl, particularly trimethylene, a branched C4-15 alkyl, particularly methyl-2 trimethylene; $(R_7O)_n =$ poly(ethyleneoxy) and/or poly(propyleneoxy); $n = 5-200$, preferably 5 to 100; $R_8 = H$ or a C1-6, preferably Me; $p = 10-200$, preferably 10-100; $q = 0$ when $R_3 = Q$ and $q = 1-100$ when $R_3 \neq Q$]. The system is used for disinfecting hard surfaces, with controlled release of the biocide.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:854290 CAPLUS
 DOCUMENT NUMBER: 123:260540
 TITLE: Lavatory cleansing and sanitizing blocks containing a halogen release bleach and a polybutene stabilizer
 INVENTOR(S): Bunczk, Charles J.; Burke, Peter A.; Camp, William R.; Orehtsky, John L.
 PATENT ASSIGNEE(S): Kiwi Brands Inc., USA
 SOURCE: U.S., 7 pp. Cont.-in-part of U.S. 5,336,427.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5449473	A	19950912	US 1994-290186	19940815
US 5205955	A	19930427	US 1991-725538	19910703
US 5336427	A	19940809	US 1993-4262	19930114
PRIORITY APPLN. INFO.:			US 1991-725538	A3 19910703
			US 1993-4262	A2 19930114

AB A solid lavatory cleansing block containing a surfactant, a germicide agent or an oxidizing agent, and fillers, is stabilized by adding a polybutene (an

average mol. weight of 320 to 2,300) at 0.1-8% by weight of the composition
An extruded

lavatory cleansing block was prepared with the following ingredients: Na
dodecyl benzene sulfonate 52.0, Chloramine T 31.5, Neodol-91 8.0,
polybutene 4.0, perfume 0.5, and volatile **silicone** oil 4.0%.

L20 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:561215 CAPLUS

DOCUMENT NUMBER: 122:293967

TITLE: **Sodium dichloroisocyanurate**-based
water-soluble antiseptic detergents

INVENTOR(S): Zhang, Ruixiang

PATENT ASSIGNEE(S): Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 4 pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1078995	A	19931201	CN 1992-103514	19920518
PRIORITY APPLN. INFO.:			CN 1992-103514	19920518

AB The detergents comprise a mixt of 1 part **sodium dichloroisocyanurate** and 1.5 parts nonionic surfactant (e.g., L 548) where the detergents can be diluted with water.

L20 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:330591 CAPLUS

DOCUMENT NUMBER: 122:84328

TITLE: Lavatory cleansing block containing stabilizer for
halogen-releasing component

INVENTOR(S): Cooper, Nigel Frederick

PATENT ASSIGNEE(S): Jeyes Group PLC, UK

SOURCE: Brit. UK Pat. Appl., 15 pp.

CODEN: BAXXDU

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2273106	A1	19940608	GB 1993-24760	19931202
CA 2150458	AA	19940609	CA 1993-2150458	19931116
CA 2150458	C	20020917		
WO 9412612	A1	19940609	WO 1993-GB2352	19931116
W: AU, BR, CA, GB, NZ, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9454315	A1	19940622	AU 1994-54315	19931116
AU 678416	B2	19970529		
EP 672103	A1	19950920	EP 1993-924771	19931116
EP 672103	B1	19970903		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
GB 2288814	A1	19951101	GB 1995-11346	19931116
AT 157699	E	19970915	AT 1993-924771	19931116
ES 2110634	T3	19980216	ES 1993-924771	19931116
BR 9307582	A	19990831	BR 1993-7582	19931116
ZA 9308634	A	19940801	ZA 1993-8634	19931118
US 5817611	A	19981006	US 1996-762157	19961209
PRIORITY APPLN. INFO.:			GB 1992-25338	A 19921203
			WO 1993-GB2352	W 19931116
			US 1995-454258	B1 19950628

AB The storage stability of a halogen-releasing component (e.g., Na dichloroisocyanurate) in a lavatory cleansing block containing an anionic surfactant (e.g., Na dodecylbenzenesulfonate) is increased by including a non-oxidizable liquid selected from mineral oil, hydrocarbons (e.g., decane), chlorinated hydrocarbons, **silicones**, ketones (e.g., 2-decanone), tertiary alcs. (e.g., 2-methylhexanol), and esters (e.g., Me dodecanoate).

L20 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:257498 CAPLUS
DOCUMENT NUMBER: 116:257498
TITLE: Polyurethane compositions for adhesive tape protection
INVENTOR(S): Murachi, Tatsuya
PATENT ASSIGNEE(S): Toyoda Gosei Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 03259978	A2	19911120	JP 1990-58795	19900309
PRIORITY APPLN. INFO.:			JP 1990-58795	19900309

AB The title compns., applied on edges of double-stick adhesive tapes used in automobile side moldings to protect the adhesives from gasoline, wax remover, etc., comprise polyurethanes with 1:0.05-2.0 (mol) polyol-triethanolamine mixts. and OH (of polyol)/NCO (of polyisocyanate) (mol) 1:1.5-7 100, fluoropolymers 2-100, **silicone** oils 5-200, halogenating agents 0.002-20 parts, and polyether-**silicones** at an amount satisfying OH (of the polyether)/NCO (of the polyurethane) (mol) 0.7-1.3:1. Thus, a blend of MDI-polyoxypropylene glycol-triethanolamine copolymer 100, PTFE 20, **silicone** oil 5, polyether-**silicone** (OH value 56) 0.7, and **trichloroisocyanurate** 0.002 part was applied on the both edges of a 1-mm polyethylene foam sheet-based double-stick side molding and used to bond PVC boards showing (after 1 h in gasoline) adhered area 97%, vs. 35 for an adhesive without the edge protection.

L20 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:130828 CAPLUS
DOCUMENT NUMBER: 116:130828
TITLE: Automobile sealed parts
INVENTOR(S): Murachi, Tatsuya
PATENT ASSIGNEE(S): Toyoda Gosei Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 03258631	A2	19911118	JP 1990-54233	19900306
PRIORITY APPLN. INFO.:			JP 1990-54233	19900306

AB The title parts comprise an automobile part substrate and a coating layer comprising a polyurethane 100, a fluoropolymer 2-100, a **silicone** oil 5-200, and a halogen 0.002-20 parts plus a polyether-**silicone**. The polyurethane is prepared from a polyol, triethanolamine (I), and a polyisocyanate at a polyol/I molar ratio of 1:0.05-2.0 and a OH/NCO molar ratio of 1:1.5-7. Thus, an EPDM-based automobile weather strip was coated with a composition of polyoxypropylene glycol (II, number-average mol. cut.

3000)-I-MDI copolymer (II/I molar ratio 1.0:0.7, OH/NCO molar ratio 1:4) 100, PTFE 20, di-Me **silicone** oil 5, polyether **silicone** (OH value 56) 0.7, and **trichloroisocyanurate** 0.002 part resulting in excellent abrasion resistance.

L20 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1991:45554 CAPLUS
DOCUMENT NUMBER: 114:45554
TITLE: Process for coating or encapsulating solid particles and/or liquid droplets such as bleaching agents
INVENTOR(S): Akay, Galip
PATENT ASSIGNEE(S): Unilever PLC, UK; Unilever N. V.
SOURCE: Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 382464	A2	19900816	EP 1990-301208	19900206
EP 382464	A3	19921028		
R: CH, DE, ES, FR, GB, IT, LI, NL, SE				
CA 2009444	AA	19900809	CA 1990-2009444	19900206
AU 9049206	A1	19900816	AU 1990-49206	19900207
AU 633299	B2	19930128		
BR 9000544	A	19910115	BR 1990-544	19900207
JP 02261535	A2	19901024	JP 1990-31307	19900209
ZA 9000987	A	19911030	ZA 1990-987	19900209
PRIORITY APPLN. INFO.:			GB 1989-2909	A 19890209

AB The title process involves forming a melt of a coating material, such as a polymer, wax, soap, surfactant, and/or fatty acid, containing solid particles and/or liquid droplets as a dispersed phase and destabilizing the melt by adding solid particles and/or by cooling, causing the melt to crumble to particles containing embedded dispersed phase. The process is useful for coating or encapsulating bleaching agents, bleach activators, **silicone** deformers, NaCl, fabric softeners, etc., to prevent interaction with other compds. Heating 25 parts polycaprolactone (m. 60°) to 70-75°, dispersing 60 parts Na dichloroisocyanurate dihydrate (I) and the melt cooling to 65°, adding 10 parts Aerosil R 972 and 5 parts Aerosil 380, and mixing 30 min while cooling to 30° gave particles (average size 771 µm) containing encapsulated I. The I was released at the rate of 66.7%/min when the particles were added to water at 25°.

L20 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1989:59960 CAPLUS
DOCUMENT NUMBER: 110:59960
TITLE: Fabric washing and disinfecting powder, especially for use at low temperatures
INVENTOR(S): Borowicki, Jerzy Krzysztof; Wogtman, Wanda; Bukowski, Kazimierz Stanislaw; Wojcik, Elzbieta
PATENT ASSIGNEE(S): Instytut Chemii Przemyslowej, Pol.
SOURCE: Pol., 7 pp.
CODEN: POXXA7
DOCUMENT TYPE: Patent
LANGUAGE: Polish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 132124	B1	19850228	PL 1981-229358	19810123

PRIORITY APPLN. INFO.: PL 1981-229358 19810123

AB Powdered laundry detergents having antibacterial activity contain anionic surfactants, alkali metal or amine salts of mono- and diesters of H3PO4, ethoxylated fatty alcs., Na53O10, NaHCHO3, and active Cl-containing compds. such as hexachloromelamine (I), 1,3-dichloro-5,5-dimethylhydantoin, trichloroisocyanuric acid, or Na dichloroisocyanurate. A detergent contained 3:1 Na alkyl sulfate-Na dodecylbenzenesulfonate mixture 16.32, 2:3 ethoxylated lauryl alc.-ethanolamine mono- and diesters of H3PO4 1.57, **silicone** oil 0.48, Na5P3O10 33.6, Na2SiO3 7.68, NaHCHO3 29.18, CM-cellulose 2.42, and I 5.76%, the balance being water.

L20 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1983:90996 CAPLUS
DOCUMENT NUMBER: 98:90996
TITLE: Modification of hair fibers
PATENT ASSIGNEE(S): Toyobo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57167452	A2	19821015	JP 1981-53517	19810409

PRIORITY APPLN. INFO.: JP 1981-53517 19810409

AB Wool and hair fibers are shrinkproofed by first chlorinating the surface of the fibers with a dichloroisocyanuric acid salt and then treating the fibers with an oxidizing agent. These fibers have improved luster and soft handle. Thus, wool slivers were chlorinated with a liquor containing 15% (on fiber weight) Na dichloroisocyanurate [2893-78-9] for 15 min, dechlorinated with a liquor containing 3% (on fiber weight) NaHSO3 for 10 min at 40°, and washed. The treated fibers were oxidized with a liquor containing 15 mL/L 35% H2O2 and Na2CO3 for 30 min at 60°, washed, crosslinked with a liquor containing 5% (on fiber weight) 37% formaldehyde [50-00-0] for 30 min at 50° to give shrinkproof cashmere-like fibers with silklike luster.

=> s US2003-133893/APPS
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'APPS' IS NOT A VALID FIELD CODE
'APPS' IS NOT A VALID FIELD CODE
L26 0 US2003-133893/APPS

=> s US2002-44941-/APPS
'APPS' IS NOT A VALID FIELD CODE
'APPS' IS NOT A VALID FIELD CODE
'APPS' IS NOT A VALID FIELD CODE
L27 0 US2002-44941-/APPS

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	117.51	117.72
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-13.14	-13.14

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FILE LAST UPDATED: 3 Nov 2005 (20051103/ED)

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=> s US2002-44941/APPS
1 US2002-44941/AP
1 US2002-44941/PRN
L28 1 US2002-44941/APPS
(US2002-44941/AP, PRN)

=> TRA L28 RN
L29 TRANSFER L28 1- RN : 4 TERMS
L30 66008 L29

=> d scan

L30 66008 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
IC ICM A47K007-00
ICS A47K010-16; D21H017-06; D21H021-14
CC 43-7 (Cellulose, Lignin, Paper, and Other Wood Products)
Section cross-reference(s): 62
TI Dry-type thin household hygienic paper giving cool feel and its manufacture
ST household hygienic paper cool feel erythritol; tissue cooling paper menthol endothermic dissolving
IT Paper
(coated; dry-type thin household hygienic paper giving cool feel)
IT Polysiloxanes, uses
RL: POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses)
(dry-type thin household hygienic paper giving cool feel)
IT Glycols, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(dry-type thin household hygienic paper giving cool feel)
IT Alcohols, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(polyhydric; dry-type thin household hygienic paper giving cool feel)
IT Paper
(tissue; dry-type thin household hygienic paper giving cool feel)
IT 9004-53-9, Dextrin 9005-25-8, Starch, uses
RL: TEM (Technical or engineered material use); USES (Uses)
(binder; dry-type thin household hygienic paper giving cool feel)
IT 69-72-7, Salicylic acid, uses 470-82-6, Cineole 1490-04-6, Menthol
RL: TEM (Technical or engineered material use); USES (Uses)
(cool-feeling substance; dry-type thin household hygienic paper giving cool feel)

IC ICM A61K007-48
 ICS A61K007-00
 CC 62-4 (Essential Oils and Cosmetics)
 TI Skin cream
 ST skin cream formulation
 IT Cosmetics
 (creams; skin cream formulation)
 IT Antioxidants
 Chelating agents
 Emulsifying agents
 Odor and Odorous substances
 Surfactants
 Thickening agents
 (skin cream formulation)
 IT Phospholipids, biological studies
 Polysaccharides, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (skin cream formulation)
 IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (vegetable; skin cream formulation)
 IT 99-96-7D, alkyl esters
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (Parabens; skin cream formulation)
 IT 56-81-5, Glycerol, biological studies 60-00-4, Edta, biological
 studies 128-37-0, Bht, biological studies 1406-18-4, Vitamin E
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (skin cream formulation)

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(FILE 'HOME' ENTERED AT 12:59:36 ON 04 NOV 2005)

FILE 'CAPLUS, MEDLINE, BIOSIS, EMBASE' ENTERED AT 12:59:54 ON 04 NOV 2005

L1 8291 S HUMAN PAPILLOMA VIRUS
 L2 0 S CHLORINATED ISOCYANURATE
 L3 71 S CHLORINATED ISOCYANURATE
 L4 55 S TRICHLOROISOCYANURATE
 L5 795 S SODIUM DICHLOROISOCYANURATE
 L6 893 S L3 OR L4 OR L5
 L7 1 S L1 AND L6
 L8 8572 S HYPOCHLOROUS ACID
 L9 0 S L1 AND L8
 L10 1 S WARTS AND L6
 L11 41472 S HPV OR L1
 L12 0 S L11 AND L8
 L13 1 S L11 AND L6
 L14 9443 S L6 OR L8
 L15 2767 S SILICONE POLYMER
 L16 181776 S SILICONE?
 L17 2767 S L15 AND L16
 L18 181776 S L16 OR L17
 L19 27 S L18 AND L14
 L20 15 S L19 AND L6
 L21 72478 S COSMETICS
 L22 0 S L20 AND L21
 L23 8015 S SKIN CARE
 L24 0 S L20 AND L23
 L25 15 DUP REM L20 (0 DUPLICATES REMOVED)
 L26 0 S US2003-133893/APPS
 L27 0 S US2002-44941-/APPS

FILE 'CAPLUS' ENTERED AT 13:19:28 ON 04 NOV 2005

L28 1 S US2002-44941/APPS
L29 TRA L28 1- RN : 4 TERMS
L30 66008 SEA L29

=> s US2003-133893/APS
'APS' IS NOT A VALID FIELD CODE
L31 0 US2003-133893/APS

=> s US2003-133893/APPS
0 US2003-133893/AP
0 US2003-133893/PRN
L32 0 US2003-133893/APPS
(US2003-133893/AP, PRN)

=> d L28

L28 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:550985 CAPLUS
DN 139:106465
TI Compositions for treating skin ailments
IN Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri; Stein, Oded
PA Degania Silicone Ltd., Israel
SO U.S. Pat. Appl. Publ., 16 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003133893	A1	20030717	US 2002-44941	20020115 <--
PRAI	US 2002-44941		20020115	<--	

=> TRA L28 1-RN
ANSWER RANGE ENTERED IS NOT VALID

=> TRA L28 RN
L33 TRANSFER L28 1- RN : 4 TERMS
L34 66008 L33

=> s L34 and isocyanurate
10296 ISOCYANURATE
1085 ISOCYANURATES
10501 ISOCYANURATE
(ISOCYANURATE OR ISOCYANURATES)
L35 269 L34 AND ISOCYANURATE

=> s L35 and chlorinated isocyanurate
85650 CHLORINATED
10296 ISOCYANURATE
1085 ISOCYANURATES
10501 ISOCYANURATE
(ISOCYANURATE OR ISOCYANURATES)
64 CHLORINATED ISOCYANURATE
(CHLORINATED(W) ISOCYANURATE)
L36 38 L35 AND CHLORINATED ISOCYANURATE

=> d scan L36

L36 38 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
INCL 252099000
CC 46 (Surface Active Agents and Detergents)
TI Methods for stabilizing and tableting compositions containing

SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)

STD ----- BIB, IPC, and NCL

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
 containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
 its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
 its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
 structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
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ENTER DISPLAY FORMAT (BIB):end

=> d ibib abs

L38 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1992:639898 CAPLUS
DOCUMENT NUMBER: 117:239898
TITLE: Free-flowing microbicidal powders containing
 chlorinated isocyanurates
INVENTOR(S): Globus, Alfred R.
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 6 pp. Cont.-in-part of U.S. 4,954,316.
 CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 5128342	A	19920707	US 1990-561173	19900801
US 4954316	A	19900904	US 1988-288241	19881222
PRIORITY APPLN. INFO.:			US 1987-116203	B2 19871003

<http://www.cas.org/ONLINE/UG/regprops.html>

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=> s trichloroisocyanurate
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L1      0 TRICHLOROISOCYANURATE

=> s trichloroisocyanurate/cn
L2      0 TRICHLOROISOCYANURATE/CN

=> s trichlorocyanurate/cn
L3      0 TRICHLOROCYANURATE/CN

=> s trichlorocyanurate
      0 TRICHLOROCYANURATE
L4      0 TRICHLOROCYANURATE

=> s chlorinated isocyanurate
      248 CHLORINATED
      1535 ISOCYANURATE
L5      0 CHLORINATED ISOCYANURATE
      (CHLORINATED(W) ISOCYANURATE)

=> s isocyanurate
L6      1535 ISOCYANURATE

=> s L6 and chlorinated
      248 CHLORINATED
L7      0 L6 AND CHLORINATED

=> s chloroisocyanurate/cn
L8      0 CHLOROISOCYANURATE/CN
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=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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=> s trichloroisocyanurate or chlorinated isocyanurate
      52 TRICHLOROISOCYANURATE
      2 TRICHLOROISOCYANURATES
```

54 TRICHLOROISOCYANURATE
 (TRICHLOROISOCYANURATE OR TRICHLOROISOCYANURATES)
 85637 CHLORINATED
 10293 ISOCYANURATE
 1084 ISOCYANURATES
 10498 ISOCYANURATE
 (ISOCYANURATE OR ISOCYANURATES)
 64 CHLORINATED ISOCYANURATE
 (CHLORINATED(W) ISOCYANURATE)
 L9 117 TRICHLOROISOCYANURATE OR CHLORINATED ISOCYANURATE

=> s virus or HPV or human papilloma virus

328784 VIRUS
 70047 VIRUSES
 340959 VIRUS
 (VIRUS OR VIRUSES)
 5916 HPV
 717 HPVS
 5961 HPV
 (HPV OR HPVS)
 1503096 HUMAN
 330720 HUMANS
 1667367 HUMAN
 (HUMAN OR HUMANS)
 6573 PAPILLOMA
 2230 PAPILLOMAS
 46 PAPILLOMATA
 7746 PAPILLOMA
 (PAPILLOMA OR PAPILLOMAS OR PAPILLOMATA)
 328784 VIRUS
 70047 VIRUSES
 340959 VIRUS
 (VIRUS OR VIRUSES)
 1703 HUMAN PAPILLOMA VIRUS
 (HUMAN(W) PAPILLOMA(W) VIRUS)

L10 343782 VIRUS OR HPV OR HUMAN PAPILLOMA VIRUS

=> s L9 and L10

L11 2 L9 AND L10

=> d 1-2 ibib abs

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:550985 CAPLUS
 DOCUMENT NUMBER: 139:106465
 TITLE: Compositions for treating skin ailments
 INVENTOR(S): Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri;
 Stein, Oded
 PATENT ASSIGNEE(S): Degania Silicone Ltd., Israel
 SOURCE: U.S. Pat. Appl. Publ., 16 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003133893	A1	20030717	US 2002-44941	20020115
PRIORITY APPLN. INFO.:			US 2002-44941	20020115

AB Compns. that comprise a polymer entrapping an oxidizing agent are disclosed. The disclosed compns. are used in the treatment of skin ailments such as **human papilloma virus** infections. A silicone sheet having a thickness of about 1 mm and containing

80% **trichloroisocyanurate** (TCIA) was pressed between two 0.2 mm-layers of active-agent free silicone rubber. A skin growth having a diameter of about 2.5 mm and a height of about 1.5 mm, present for about 2 yr on the hand of a 50 yr old woman, was treated with the TCIA composition. The skin growth disappeared completely after 1 treatment. After 9 mo, the warts did not reappear in the treated skin area.

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1992:159002 CAPLUS
 DOCUMENT NUMBER: 116:159002
 TITLE: Disinfectant compositions containing dichloroisocyanurate and other substance for medical tools for controlling hepatitis **virus**, HIV **virus**, and venereal bacteria
 INVENTOR(S): Li, Jiuchun; Yu, Yunyan; Pan, Guangwan
 PATENT ASSIGNEE(S): Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1052986	A	19910717	CN 1990-105005	19900106
PRIORITY APPLN. INFO.:			CN 1990-105005	19900106

AB The title disinfectants contain dichloroisocyanuric acid salts 5-20, SDS 5-15, **trichloroisocyanurate** 5-20, silicic acid salts 1-5, polyethylene glycol perfluorododecyl ether Na sulfate K zincate 1-5, and NaCl 5-10%. The mixture is pulverized at 0-37° and packaged. The preparation is dissolved in water prior to application.

=> s silicone?

L12 133517 SILICONE?

=> s L9 and L12

L13 3 L9 AND L12

=> d 1-3 ibib abs

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:550985 CAPLUS
 DOCUMENT NUMBER: 139:106465
 TITLE: Compositions for treating skin ailments
 INVENTOR(S): Nir, Moire Marx; Elisyevich, Irina; Mairon, Omri; Stein, Oded
 PATENT ASSIGNEE(S): Degania Silicone Ltd., Israel
 SOURCE: U.S. Pat. Appl. Publ., 16 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003133893	A1	20030717	US 2002-44941	20020115
PRIORITY APPLN. INFO.:			US 2002-44941	20020115

AB Compns. that comprise a polymer entrapping an oxidizing agent are disclosed. The disclosed compns. are used in the treatment of skin ailments such as human papilloma virus infections. A **silicone** sheet having a thickness of about 1 mm and containing 80%

trichloroisocyanurate (TCIA) was pressed between two 0.2 mm-layers of active-agent free **silicone** rubber. A skin growth having a diameter of about 2.5 mm and a height of about 1.5 mm, present for about 2 yr on the hand of a 50 yr old woman, was treated with the TCIA composition. The skin growth disappeared completely after 1 treatment. After 9 mo, the warts did not reappear in the treated skin area.

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:257498 CAPLUS
DOCUMENT NUMBER: 116:257498
TITLE: Polyurethane compositions for adhesive tape protection
INVENTOR(S): Murachi, Tatsuya
PATENT ASSIGNEE(S): Toyoda Gosei Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 03259978	A2	19911120	JP 1990-58795	19900309
PRIORITY APPLN. INFO.:			JP 1990-58795	19900309

AB The title compns., applied on edges of double-stick adhesive tapes used in automobile side moldings to protect the adhesives from gasoline, wax remover, etc., comprise polyurethanes with 1:0.05-2.0 (mol) polyol-triethanolamine mixts. and OH (of polyol)/NCO (of polyisocyanate) (mol) 1:1.5-7 100, fluoropolymers 2-100, **silicone** oils 5-200, halogenating agents 0.002-20 parts, and polyether-**silicones** at an amount satisfying OH (of the polyether)/NCO (of the polyurethane) (mol) 0.7-1.3:1. Thus, a blend of MDI-polyoxypropylene glycol-triethanolamine copolymer 100, PTFE 20, **silicone** oil 5, polyether-**silicone** (OH value 56) 0.7, and **trichloroisocyanurate** 0.002 part was applied on the both edges of a 1-mm polyethylene foam sheet-based double-stick side molding and used to bond PVC boards showing (after 1 h in gasoline) adhered area 97%, vs. 35 for an adhesive without the edge protection.

L13 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1992:130828 CAPLUS
DOCUMENT NUMBER: 116:130828
TITLE: Automobile sealed parts
INVENTOR(S): Murachi, Tatsuya
PATENT ASSIGNEE(S): Toyoda Gosei Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 03258631	A2	19911118	JP 1990-54233	19900306
PRIORITY APPLN. INFO.:			JP 1990-54233	19900306

AB The title parts comprise an automobile part substrate and a coating layer comprising a polyurethane 100, a fluoropolymer 2-100, a **silicone** oil 5-200, and a halogen 0.002-20 parts plus a polyether-**silicone**. The polyurethane is prepared from a polyol, triethanolamine (I), and a polyisocyanate at a polyol/I molar ratio of 1:0.05-2.0 and a OH/NCO molar ratio of 1:1.5-7. Thus, an EPDM-based automobile weather strip was coated with a composition of polyoxypropylene glycol (II, number-average mol. cut. 3000)-I-MDI copolymer (II/I molar ratio 1.0:0.7, OH/NCO molar ratio 1:4)